



KANSAS CORPORATION COMMISSION 1084574
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: KIM SHOEMAKER
Purchaser: M V PURCHASING

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

04/16/2012 04/27/2012 05/22/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-101-22357-00-00

Spot Description: _____

NE NE SW NE Sec. 20 Twp. 17 S. R. 28 East West
1404 Feet from North / South Line of Section
1508 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Lane

Lease Name: MEYER Well #: 1-20

Field Name: NA

Producing Formation: FORT SCOTT & CHEROKEE

Elevation: Ground: 2766 Kelly Bushing: 2773

Total Depth: 4700 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 419 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2190 Feet

If Alternate II completion, cement circulated from: 2190

feet depth to: 0 w/ 175 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 0 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garriso Date: 06/18/2012



1084574

Operator Name: L. D. Drilling, Inc. Lease Name: MEYER Well #: 1-20
 Sec. 20 Twp. 17 S. R. 28 East West County: Lane

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | |
|---|--|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG MICRORESISTIVITY LOG | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached |
|---|--|

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Attached | Attached | Attached | Attached | Attached | Attached | Attached | Attached |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input checked="" type="checkbox"/> Perforate | 4300-4334 | COMMON | 200 | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 4 | 4434 - 4440'; 4212 - 4216' | 1500 gal 20% Acid | |
| 4 | 4522 - 4528'; 4505 - 4508' | 1500 gal 15% Acid | |
| | | | |
| | | | |

| | | |
|--|--|--|
| TUBING RECORD: Size: <u>2.375</u> Set At: <u>4665</u> Packer At: _____ | | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. <u>06/07/2012</u> | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | |
| Estimated Production Per 24 Hours | Oil Bbbs. _____ Gas Mcf _____ Water Bbbs. _____ | Gas-Oil Ratio _____ Gravity _____ |

| | | |
|---|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | L. D. Drilling, Inc. |
| Well Name | MEYER 1-20 |
| Doc ID | 1084574 |

Tops

| Top | Depth | Interval |
|------------------------|-------|----------|
| ANHYDRITE | 2162 | +611 |
| BASE ANHYDRITE | 2191 | +582 |
| WAB, STOTLER | 3553 | -780 |
| HEEBNER | 3942 | -1169 |
| LANSING | 3979 | -1206 |
| STARK | 4235 | -1462 |
| MARMATON | 4344 | -1571 |
| FORT SCOTT | 4487 | -1714 |
| CHEROKEE | 4509 | -1736 |
| MISSISSIPPI, ST. LOUIS | 4576 | -1803 |

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | L. D. Drilling, Inc. |
| Well Name | MEYER 1-20 |
| Doc ID | 1084574 |

Casing

| | | | | | | | |
|-----------------------------------|-------|-------|------|------|----------------|-----|----------------------------|
| [REDACTED] | | | | | | | |
| SURFACE | 12.25 | 8.625 | 24 | 419 | A SERV LITE | 125 | |
| SURFACE CONT | 12.25 | 8.625 | 24 | 419 | COMMON | 125 | 3%CC, 2%Gel |
| PRODUC TION BOTTOM STAGE | 7.875 | 4.5 | 10.5 | 4695 | COMMON | 175 | 2%Gel, .3%FR, 1/4#CF |
| PRODUC TION TOP STAGE | 7.875 | 4.5 | 10.5 | 4695 | A-CON BLEND | 500 | 3% CC |



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 06128 A

DATE _____ TICKET NO. _____

| | | | | | | | | | |
|--|------------|---|-----|----------------------|-----|-----------------------------|------|-----------|-------------|
| DATE OF JOB 4-16-12 DISTRICT Pratt | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO. _____ | | | | | | | |
| CUSTOMER L.D. Drilling | | LEASE Meyers | | WELL NO. 1-20 | | | | | |
| ADDRESS _____ | | COUNTY Lane | | STATE Ks | | | | | |
| CITY _____ STATE _____ | | SERVICE CREW Orlando, Mitchell, McBrian | | | | | | | |
| AUTHORIZED BY _____ | | JOB TYPE: CNW- 8 5/8 Surface | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED 4-16-12 | DATE | AM/PM | TIME |
| 27283 | 1/2 | | | | | ARRIVED AT JOB | | AM | 5:00 |
| 27463 | 1/2 | | | | | START OPERATION | | AM | 8:00 |
| 19826-19860 | 1/2 | | | | | FINISH OPERATION | | AM | 8:30 |
| | | | | | | RELEASED | | AM | 9:00 |
| | | | | | | MILES FROM STATION TO WELL | | | 100 |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| CP106 | AServ Lite | SK | 125 | | 1625.00 |
| CP1000 | Common | SK | 125 | | 2000.00 |
| CC102 | Cellulose | Lb | 63 | | 233.16 |
| CC109 | Calcium Chloride | Lb | 563 | | 591.13 |
| CF153 | Wooden Cement Plug | ea | 1 | | 160.00 |
| E110 | Pickup mileage | mi | 100 | | 425.00 |
| E101 | Heavy Equipment Mileage | mi | 200 | | 1400.00 |
| E113 | Bulk Delivery | Tn | 1135 | | 1816.00 |
| CE200 | Depth Charge | ea | 1 | | 1000.00 |
| CE240 | Blending & Mixing | SK | 250 | | 3500.00 |
| CE504 | Plug Container | ea | 1 | | 850.00 |
| S003 | Service Supervisor | ea | 1 | | 175.00 |

SUB TOTAL **DLS** **7919.95**

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

SERVICE REPRESENTATIVE **Steve Doherty** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Rich Wheeler**
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

| | | |
|-----------------------------------|----------------------|----------------------------------|
| Customer <i>LD Miller</i> | Lease No. | Date <i>4-16-12</i> |
| Lease <i>Meyle</i> | Well # <i>1-20</i> | |
| Field Order # <i>6128</i> | Station <i>Pratt</i> | Casing <i>8 5/8</i> |
| Type Job <i>PNW 8 5/8 Surface</i> | Depth <i>419</i> | County <i>Lane</i> |
| | Formation | State <i>KS</i> |
| | | Legal Description <i>20-17-2</i> |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|--------------------------|--------------------------|------------------|----------------|-------------------|-----------------|------------------|-------|------------------|
| Casing Size <i>8 5/8</i> | Tubing Size <i>5 1/2</i> | Shots/Ft | <i>1254</i> | Fluid | <i>Acid</i> | RATE | PRESS | ISIP |
| Depth <i>419</i> | Depth | From | To <i>1254</i> | Pre Pad | <i>1.644-12</i> | Max | | 5 Min. |
| Volume <i>26.6</i> | Volume | From | To | Pad | <i>1.20</i> | Min | | 10 Min. |
| Max Press <i>1000</i> | Max Press | From | To | Frac | | Avg | | 15 Min. |
| Well Connection | Annulus Vol. | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth <i>405</i> | Packer Depth | From | To | Flush <i>25.7</i> | | Gas Volume | | Total Load |

Customer Representative *Rich Walker* Station Manager *Dave Scott* Treater *Steve Orlando*

| | | | | | | | | |
|---------------|--------------------|-----------------|--------------|--------------|--|--|--|--|
| Service Units | <i>27273</i> | <i>27463</i> | <i>19820</i> | <i>19860</i> | | | | |
| Driver Names | <i>Al Mitchell</i> | <i>M. Brown</i> | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------------|-----------------|-----------------|--------------|-----------|-------------------------------------|
| <i>5:00</i> | | | | | <i>On location 8:00 AM</i> |
| | | | | | <i>Run with 8 5/8 Surface</i> |
| | | | | | <i>Casing on Pad</i> |
| | | | | | <i>Break Circ with R</i> |
| <i>8:00</i> | <i>250</i> | | <i>36.5</i> | <i>5</i> | <i>Max 125 s/s Acid Ltr @ 13.86</i> |
| <i>8:08</i> | <i>0</i> | | <i>26.7</i> | <i>5</i> | <i>Max 125 s/s Com @ 15.86</i> |
| <i>8:24</i> | <i>0</i> | | <i>0</i> | <i>5</i> | <i>Release plug Start H2O Displ</i> |
| <i>8:27</i> | <i>350</i> | | <i>3</i> | <i>5</i> | <i>Connect to Surface</i> |
| <i>8:38</i> | <i>400</i> | | <i>25.7</i> | <i>14</i> | <i>plug Down</i> |
| | | | | | <i>Circulation This Job</i> |
| | | | | | <i>Completed 12 bbl Top</i> |
| | | | | | <i>Job Complete</i> |
| | | | | | <i>Thanks Steve</i> |



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 06120 A

20-175-28W

DATE _____ TICKET NO. _____

| | | | | | | | | | |
|---------------------------------------|--|---|--|-------------------------------|------------------------------|------------------------------|---------------------|-------|-------|
| DATE OF JOB: 4-27-12 | DISTRICT: Pratt, Kansas | NEW WELL <input type="checkbox"/> | OLD WELL <input checked="" type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> | WDW <input type="checkbox"/> | CUSTOMER ORDER NO.: | | |
| CUSTOMER: L.D. Drilling, Incorporated | LEASE: Meyer | WELL NO: 1-20 | | | | | | | |
| ADDRESS: | COUNTY: Lane | STATE: Kansas | | | | | | | |
| CITY: | STATE: | SERVICE CREW: K. Godley, C. Messick, E. Wright, D. Phye | | | | | | | |
| AUTHORIZED BY: | JOB TYPE: C.N.W. - Longstring S. Young | | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | TIME | |
| 19,907 | 2.5 | 33,708-20,920 | 2.5 | | | 4-27-12 | PM | 11:30 | |
| | | | | | | ARRIVED AT JOB | | AM | 3:30 |
| | | | | | | START OPERATION | | AM | 8:30 |
| 37,216 | 2.5 | 19,960-19,918 | 2.5 | | | FINISH OPERATION | | AM | 11:00 |
| | | | | | | RELEASED | 4-27-12 | AM | 11:15 |
| | | 19,832-21,000 | 2.5 | | | MILES FROM STATION TO WELL | | | 100 |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---|------|----------|------------|-------------|
| P CP 100C | Common Cement | SF | 175 | | \$ 2,800.00 |
| P CP 101 | A-Con Blend Cement | SF | 450 | | \$ 8,100.00 |
| P CP 101 | A-Con Blend Cement | SF | 50 | | \$ 900.00 |
| P CC 102 | Cell Plate | Lb | 169 | | \$ 625.30 |
| P CC 109 | Calcium Chloride | Lb | 1,410 | | \$ 1,480.50 |
| P CC 112 | Cement Friction Reducer | Lb | 50 | | \$ 300.00 |
| P CC 113 | Gypsum | Lb | 825 | | \$ 618.75 |
| P CC 129 | FLA-322 | Lb | 50 | | \$ 375.00 |
| P CC 200 | Cement Gel | Lb | 330 | | \$ 82.50 |
| P CF 400 | Weatherford Two Stage Cement Collar, 4 1/2" | ea | 1 | | \$ 4,500.00 |
| P CF 600 | Latch Down Plug and Baffle, 4 1/2" | ea | 1 | | \$ 720.00 |
| P CF 1250 | AutoFill Float Shoe, 4 1/2" | ea | 1 | | \$ 330.00 |
| P CF 1650 | Turbolizer, 4 1/2" | ea | 7 | | \$ 595.00 |
| P CF 1900 | Baskets, 4 1/2" | ea | 1 | | \$ 270.00 |
| P CC 151 | Mud Flush | Gal | 1,000 | | \$ 860.00 |

SUB TOTAL

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

SERVICE REPRESENTATIVE: Sharon R. M. Smith THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: R. Wheeler
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 ~~06121~~ A
Continuation

20-175-28W

DATE TICKET NO. 6120

| | | | | | | | |
|---------------------------------------|-------------------------------|---|-----------------------------------|-------------------------------|------------------------------|------------------------------|---------------------|
| DATE OF JOB: 4-27-12 | DISTRICT: Pratt, Kansas | NEW WELL <input checked="" type="checkbox"/> | OLD WELL <input type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> | WDW <input type="checkbox"/> | CUSTOMER ORDER NO.: |
| CUSTOMER: L.D. Drilling, Incorporated | LEASE: Meyer | WELL NO. 1-20 | | | | | |
| ADDRESS: | COUNTY: Lane | STATE: Kansas | | | | | |
| CITY: | STATE: | SERVICE CREW: Gordley, Messick, Wright, Pyle, Young | | | | | |
| AUTHORIZED BY: | JOB TYPE: C.N.W. - Longstring | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE AM PM TIME |
| | | | | | | ARRIVED AT JOB | AM PM |
| | | | | | | START OPERATION | AM PM |
| | | | | | | FINISH OPERATION | AM PM |
| | | | | | | RELEASED | AM PM |
| | | | | | | MILES FROM STATION TO WELL | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-----------|
| P E 100 | Pickup Mileage | mi | 100 | \$ | 425.00 |
| P E 101 | Heavy Equipment Mileage | mi | 300 | \$ | 2,100.00 |
| P E 113 | Bulk Delivery | tm | 3,175 | \$ | 5,080.00 |
| P CE 205 | Cement Pump: 4,001 Feet To 5,000 Feet | hrs | 4 | \$ | 2,520.00 |
| P CE 240 | Blending and Mixing Service | sh | 675 | \$ | 945.00 |
| P CE 504 | Plug Container | Job | 1 | \$ | 250.00 |
| P 5003 | Service Supervisor | hrs | 8 | \$ | 175.00 |
| P CE 203 | Cement Pump: 2,001 Feet To 3,000 Feet | hrs | 4 | \$ | 1,800.00 |

SUB TOTAL \$28,323.12

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | |
|---------------------|------------|
| SERVICE & EQUIPMENT | %TAX ON \$ |
| MATERIALS | %TAX ON \$ |
| TOTAL | |

SERVICE REPRESENTATIVE: James R. Messick THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: R. Whelan
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



Page # 1 of 2

TREATMENT REPORT

Customer: L.D. Drilling, Incorporated Lease No. _____ Date: 4-27-12
 Lease: Meyer Well # 1-20
 Field Order #: 6120 Station: Pratt, Kansas Depth: 10,916.4699ft County: Lane State: Kansas
 Type Job: C.N.W. - Two Stage Long String Formation: _____ Local Description: 20-175-28W

| PIPE DATA | | PERFORATING DATA | | CEMENT USED | | TREATMENT RESUME | |
|--|--------------------------------------|---|------------------|--|---|-------------------|-----------------------------|
| Casing Size: <u>4 1/2" 105 Lb/ft</u> | Tubing Size: <u>4 1/2" 105 Lb/ft</u> | Shots/Ft: <u>1.75</u> | From: <u>38'</u> | To: <u>58'</u> | Rate: <u>25 Lb/1st cell</u> | Press: <u>38'</u> | ISIP: <u>LA-322, 5 Min.</u> |
| Depth: <u>10,999ft</u> | Depth: <u>10,999ft</u> | From: <u>38'</u> | From: <u>38'</u> | To: <u>58'</u> | Max: <u>25 Lb/1st cell</u> | Press: <u>38'</u> | ISIP: <u>LA-322, 5 Min.</u> |
| Volume: <u>4.7 Bbl</u> | Volume: <u>4.7 Bbl</u> | From: _____ | From: _____ | To: <u>15 Lb/1 Gal, 6.30 Gal/1st, 1.37 C.U. 1st.</u> | Min: <u>15 Lb/1 Gal, 6.30 Gal/1st, 1.37 C.U. 1st.</u> | Press: <u>38'</u> | ISIP: <u>LA-322, 5 Min.</u> |
| Max Press: <u>2000 P.S.I.</u> | Max Press: <u>2000 P.S.I.</u> | From: _____ | From: _____ | To: <u>450 sacks A-con for Top Stage</u> | Avg: <u>450 sacks A-con for Top Stage</u> | Press: <u>38'</u> | ISIP: <u>LA-322, 5 Min.</u> |
| Well Connection: <u>4 1/2" casing collar</u> | Annulus Vol.: _____ | From: <u>50 sacks A-con to Plug Ret (30 sacks) and Mouse (20 sacks)</u> | From: _____ | To: _____ | HP Used: _____ | Press: <u>38'</u> | ISIP: <u>LA-322, 5 Min.</u> |
| Plug Depth: <u>105 feet</u> | Packer Depth: _____ | From: _____ | From: _____ | To: _____ | Gas Volume: <u>7 4.5 Bbl. Fresh Water</u> | Press: <u>38'</u> | ISIP: <u>LA-322, 5 Min.</u> |

Customer Representative: Rich Wheeler Station Manager: David Scott Trekkar: Clarence R. Messick

| Service Units | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|---------------|----------------|----------------|---------------|-------------|--------------|------|------|------|------|------|------|------|------|------|
| Driver Names | <u>Gardley</u> | <u>Messick</u> | <u>Wright</u> | <u>Phye</u> | <u>Young</u> | | | | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|------|--|
| 3:30 | | | | | Trucks on location and hold safety meeting. |
| 3:40 | | | | | Dubre Drilling start to run Auto-Fill Float Shoe. Shoe joint with Latch Down Baffle screwed into collar and a total of 121 Joints 105 Lb/ft. 4 1/2" casing. A Turbolizer was installed on collars #1, 3, 5, 7, 9, 11 and #58. A Basket was installed on bottom of Joint #59. A Weatherford D.V. Tool was installed on top of Joint #59 or 2190 Feet down from surface. |
| 7:15 | | | | | Casing in well. Circulate for 1 Hour. |
| 8:28 | | 2800 | | | Shut in well. Pressure Test. Open Well. |
| 8:30 | 200 | | | 6 | Start Fresh Water Pre-Flush. |
| | | | 20 | 6 | Start Mud Flush. |
| | | | 44 | 6 | Start Freshwater spacer. |
| | | | 64 | 5 | Start mixing 1.75 sacks commencement. |
| | -0- | | 106 | | Stop pumping. Wash pump and lines. |
| | | | | | Insert Latch Down Plug into casing. |
| | 100 | | | 6 | Start Fresh Water Displacement. |
| | | | 40 | 5 | Start Drilling mud Displacement. |
| 9:15 | 800 | | 74.5 | | Plug down. |
| | 2000 | | | | Pressure up. |
| | | | | | Release pressure. Float Shoe held. |
| 9:17 | | | | | Release opening Device for D.V. Tool. |
| 9:28 | 800 | | | | Open D.V. Tool |



energy services, L.P.

Page # 2 of 2

TREATMENT REPORT

| | | | |
|--|--------------------------|---------------------------------|-----------------|
| Customer L.D. Drilling, Incorporated | Lease No. Meyer | Well # 1-20 | Date 4-27-12 |
| Field Order # 6120 | Station Pratt, Kansas | Depth 2190 FT | County Lane |
| Type Job C.N.W. - Two Stage Long String (Top Stage) | Formation 20-175-28W | Legal Description 20-175-28W | State Kansas |

| PIPE DATA | | PERFORATING DATA | | USED | TREATMENT RESUME | | |
|-----------------|--------------|------------------|----|-------|------------------|-------|------------------|
| Depth | 2190 Feet | Shots/Ft | | | RATE | PRESS | ISIP |
| From | To | From | To | | Max | | 5 Min. |
| Volume | 34.8 Bbl. | From | To | | Min | | 10 Min. |
| Max Press | | From | To | | Avg | | 15 Min. |
| Wall Connection | Annulus Vol: | From | To | | HHP Used | | Annulus Pressure |
| Plug Depth | Packer Depth | From | To | Flush | Gas Volume | | Total Load |

Customer Representative: _____ Station Manager: _____ Treater: _____

| | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|
| Service Units | | | | | | | | |
| Driver Names | | | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|-------|-----------------|-----------------|--------------|------|---|
| 9:38 | 300 | | | 6 | Start mixing 450 sacks A-CON Blend cement |
| | -0- | | 198 | | Stop pumping. Shut in well. Wash pump lines |
| | | | | | Release closing plug. Open Well. |
| 10:18 | 400 | | | 5 | Start Fresh Water Displacement. |
| 10:26 | 800 | | 34.8 | | Plug down. |
| | 1,000 | | | | Pressure up and Close D.V. Tool. |
| | | | 7.8 | 3 | Plug Rat and Mouse holes. |
| | | | | | Wash up pump truck. |
| 11:15 | | | | | Job Complete. |
| | | | | | Thank You. |
| | | | | | Kevin, Clarence, Eric, Dale, Steve |
| | | | | | CIRCULATE 15 bbl. CEMENT |
| | | | | | TO SET. ON TOP STAGE. |



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 06329 A

20-175-28W

DATE _____ TICKET NO. _____

| | | | | | | | | | |
|--|-----|--|-----|------------|-----|----------------------------|---------|------|------|
| DATE OF JOB 5-17-12 DISTRICT Pratt, Kansas | | NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.: | | | | | | | |
| CUSTOMER L.D. Drilling, Incorporated | | LEASE Meyer WELL NO. 1-20 | | | | | | | |
| ADDRESS | | COUNTY Lane STATE Kansas | | | | | | | |
| CITY STATE | | SERVICE CREW C. Messick: M. Mattal: S. Young | | | | | | | |
| AUTHORIZED BY | | JOB TYPE C. N. W. - low Squeeze Perforations | | | | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE | CAMP | TIME |
| 37216 | 4 | | | | | | 5-17-12 | AM | 8:00 |
| | | | | | | ARRIVED AT JOB | | AM | 1:15 |
| 19903-19905 | 4 | | | | | START OPERATION | | AM | 1:45 |
| | | | | | | FINISH OPERATION | | AM | 5:45 |
| 19959-21010 | 4 | | | | | RELEASED | 5-17-12 | AM | 6:15 |
| | | | | | | MILES FROM STATION TO WELL | | | 1.00 |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered):

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|---------------------------------------|------|----------|------------|-------------|
| P CP100C | Common Cement | SK | 200 | | \$ 3,200.00 |
| P P700 | Sacked Sand | CWT | 1 | | \$ 31.00 |
| P E100 | Pickup Mileage | mi | 100 | | \$ 425.00 |
| P E101 | Heavy Equipment Mileage | mi | 200 | | \$ 1,400.00 |
| P E113 | Built Delivery | tm | 940 | | \$ 1,504.00 |
| P CF205 | Cement Pump: 400 Feet To 5,000 Feet | hrs | 4 | | \$ 2,520.00 |
| P CE240 | Blending and Mixing Service | SK | 200 | | \$ 280.00 |
| P S003 | Service Supervisor | hrs | 8 | | \$ 175.00 |

SUB TOTAL
DLS \$ 7818.00

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

SERVICE REPRESENTATIVE *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

| | | |
|--|---------------------------------|---|
| Customer L.D. Drilling, Inc. | Lease No. | Date 5-17-12 |
| Lease Meyer | Well # 1-20 | |
| Field Order # 2329 | Station Pratt, Kansas | Casing 12 10.5 |
| Type Job C.N.W. - Squeeze Perforations | Depth 4,695 | County Pratt |
| | Formation | State Kansas |
| | | Legal Description 20-1-25-28W |

| PIPE DATA | | PERFORATING DATA | | CEMENT USED | | TREATMENT RESUME | | |
|---------------------------------|---------------------------------|----------------------|--------------------|--------------------------------------|--------|----------------------------|-------|------------------|
| Casing Size 12 10.5 | Tubing Size 2 7/8 | Shots/Ft | | 200 sacks | Common | RATE | PRESS | ISIP |
| Depth 4,695 Ft | Depth 4,132 Feet | From 4,212 | To 4,216 | 15.6 Lb/G | | Max 5.22 Gal/stk | | 5 Min. |
| Volume 74.5 Bbl | Volume 1.6 Bbl | From | To | | | Min | | 10 Min. |
| Max Press | Max Press 2,000 psi | From | To | | | Avg | | 15 Min. |
| Well Connection 8 7/8 | Annulus Vol. 4.34 Bbl | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth 4,347 | Packer Depth 4,132 | From | To | Flush 17.3 Bbl Fresh Water | | Gas Volume | | Total Load |

| | | |
|--|---------------------------------------|---------------------------------------|
| Customer Representative L.D. Davis | Station Manager David Scott | Treater Clarence R. Messick |
|--|---------------------------------------|---------------------------------------|

| | | | | | | | | | |
|---------------|----------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Service Units | 37,216 | 19,903 | 19,905 | 19,959 | 21,010 | | | | |
| Driver Names | Messick | Mattal | Young | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|------|--|
| 1:15 | | | | | Trucks on location and hold safety meeting. |
| | | | | | R.B.P. set at 4,334 Feet. Packer set at 4,300 Feet. |
| 1:44 | | 100 | | 3 | Start to fill tubing. |
| | | 2,000 | 7 | | Tubing full. Pressure up. It all held. Release pipe. |
| | | | | | Swab fluid out of tubing. |
| 2:25 | | 100 | | 1 | Start to spot 100 lbs. sand on R.B.P. set at 4,334 Ft. |
| 2:30 | | | 6 | | Stop pumping. Let sand fall. |
| | | | | | Packer set at 4,132 Feet. |
| 3:18 | 100 | | | 3 | Start to fill Annulus. |
| | -0- | | 25 | | Annulus full. Leave it open. |
| 3:28 | | 100 | | 3 | Start to fill tubing. |
| | | 600 | 11 | 2.25 | Tubing full. Pumping steady. |
| 3:32 | | | | | Start mixing 200 sacks commencement (Neat). |
| | | -0- | 42 | | Stop pumping. Shut in well. Wash pump and lines. |
| | | -0- | | | open well. Start Fresh Water Displacement. |
| 4:15 | | 1,800 | 17 | | Stop pumping. Shut in well. Wash up pump truck. |
| 4:35 | | 100 | | | open well. |
| 4:50 | | 2,000 | 17 | | Well holding pressure. |
| | | | | | Unset packer. Rev. out. |
| | | | | | Pkr. unset at 4,332 Ft. Rev. out and wash sand off of R.B.P. |
| 6:00 | | | | | Job Complete. |

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|----------------------------|----------------|---------------|
| Company Name | L.D. DRLG | Job Number | M309 |
| Well Name | MEYER #1-20 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#1 4043-4075 L/KC"E" | Well Operator | L.D. DRLG |
| Surface Location | SEC.20-17S-87W LANE CO.KS. | Report Date | 2012/04/21 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | KIM SHOEMAKER |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|-------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#1 4043-4075 L/KC"E" | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/04/21 | Start Test Time | 05:55:00 |
| Final Test Date | 2012/04/21 | Final Test Time | 12:45:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

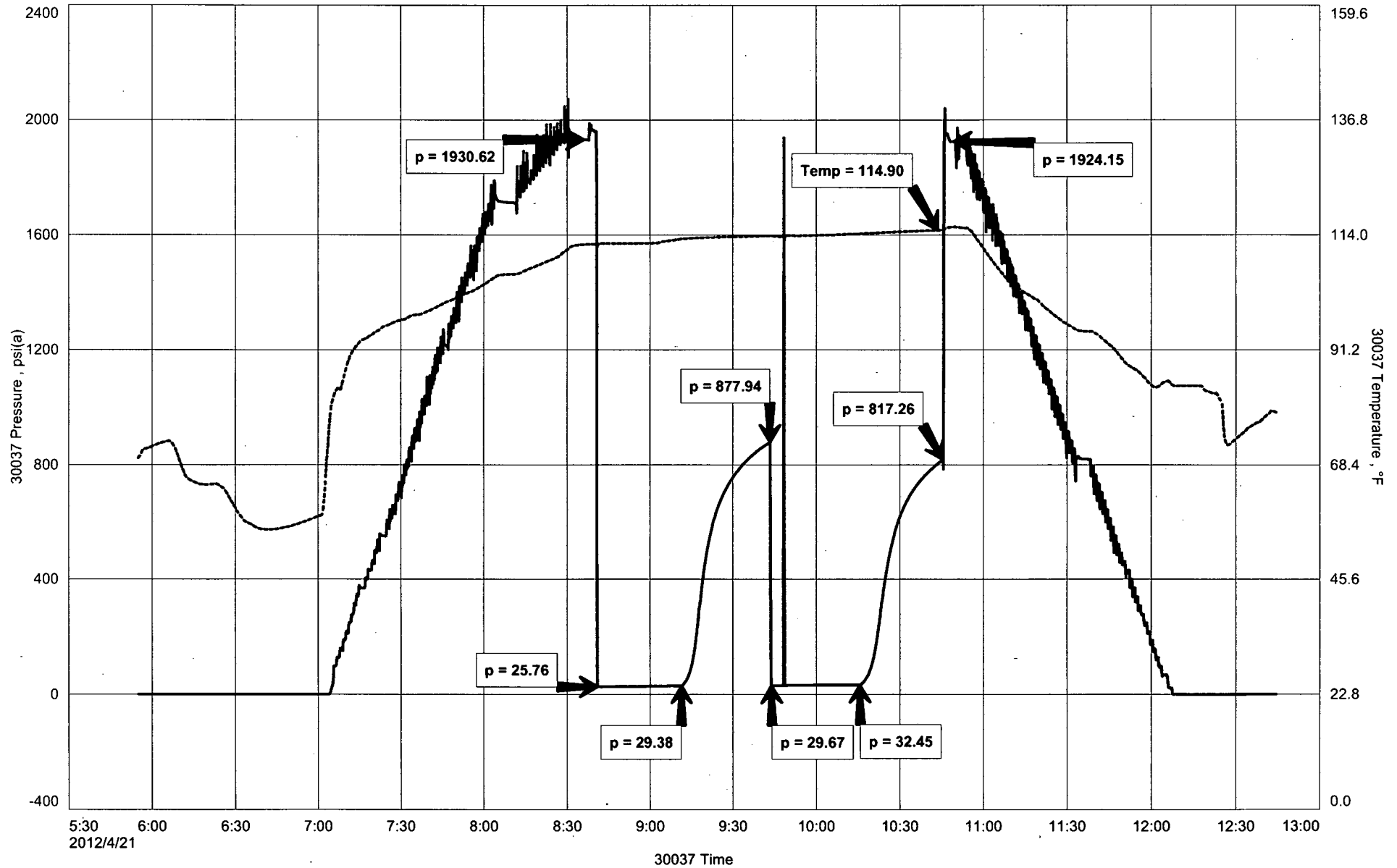
Remarks **RECOVERED:**
45' DM, 100% MUD W/SOME SPOTS OF OIL
45' TOTAL FLUID

TOOL SAMPLE: DM, 100% DRLG MUD W/SOME SPOTS OF OIL

L.D. DRLG
DST#1 4043-4075 L/KC"E"
Start Test Date: 2012/04/21
Final Test Date: 2012/04/21

MEYER #1-20
Formation: DST#1 4043-4075 L/KC"E"
Pool: WILDCAT
Job Number: M309

MEYER #1-20





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MYR1-20DST1

TIME ON: 0555
TIME OFF: 1245

Company L.D. DRLG Lease & Well No. MEYER #1-20
Contractor DUKE RIG 4 Charge to L.D. DRLG
Elevation 2773 KB Formation _____ L/KC"E" Effective Pay _____ Ft. Ticket No. M309
Date 4/21/2012 Sec. 20 Twp. _____ 17 S Range _____ 28 W County _____ LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4043 ft. to 4075 ft. Total Depth 4075 ft.
Packer Depth 4038 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4043 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4030 ft. Recorder Number 30037 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4072 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEM Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,200 P.P.M. Drill Pipe Length 4016 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 32 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: A VWSB A/ 9 MIN, DEAD@15 MIN (NO BB)
2nd Open: NO BLOW, FLUSH TOOL, A WEAK SURGE THEN NOTHING (NO BB)

Recovered 45 ft. of DM, 100% MUD W/SOME SPOTS OF OIL
Recovered 45 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____
TOOL SLID 10' TO BTTM
TOOL SAMPLE: DM, 100% DRLG MUD W/SOME SPOTS OF OIL

| | |
|--|---------------|
| | Price Job |
| | Other Charges |
| | Insurance |
| | Total |

Time Set Packer(s) 8:45 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 10:45 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 115
Initial Hydrostatic Pressure..... (A) 1912 P.S.I.
Initial Flow Period..... Minutes 30 (B) 26 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 878 P.S.I.
Final Flow Period..... Minutes 30 (E) 30 P.S.I. to (F) 32 P.S.I.
Final Closed In Period..... Minutes 30 (G) 817 P.S.I.
Final Hydrostatic Pressure..... (H) 1924 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnet of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|----------------------------|----------------|---------------|
| Company Name | L.D. DRLG | Job Number | M310 |
| Well Name | MEYER #1-20 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#2 4135-4195 L/KC"H&I" | Well Operator | L.D. DRLG |
| Surface Location | SEC.20-17S-87W LANE CO.KS. | Report Date | 2012/04/22 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | KIM SHOEMAKER |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|---------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#2 4135-4195 L/KC"H&I" | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/04/22 | Start Test Time | 21:05:00 |
| Final Test Date | 2012/04/23 | Final Test Time | 03:05:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks

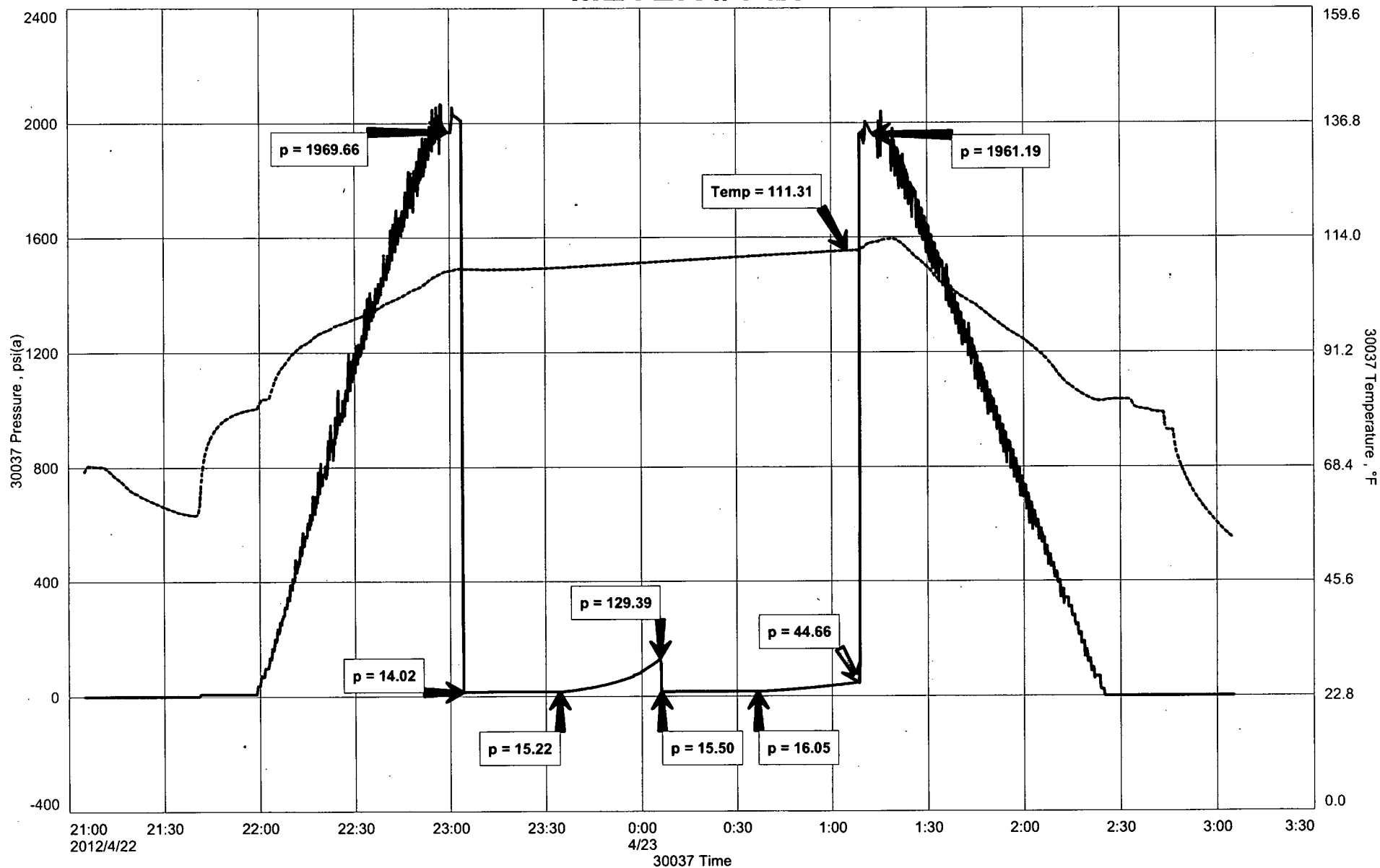
RECOVERED:
3' DM 100% MUD
3' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME OIL SPOTTING

L.D. DRLG
DST#2 4135-4195 L/KC"H&I"
Start Test Date: 2012/04/22
Final Test Date: 2012/04/23

MEYER #1-20
Formation: DST#2 4135-4195 L/KC"H&I"
Pool: WILDCAT
Job Number: M310

MEYER #1-20





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MYR1-20DST2

TIME ON: 2105 (4/22)

TIME OFF: 0305 (4/23)

Company L.D. DRLG Lease & Well No. MEYER #1-20
Contractor DUKE RIG 4 Charge to L.D. DRLG
Elevation 2773 KB Formation _____ L/KC"H&I" Effective Pay _____ Ft. Ticket No. M310
Date 4/22/2012 Sec. 20 Twp. _____ 17 S Range _____ 28 W County LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4135 ft. to 4195 ft. Total Depth 4195 ft.

Packer Depth 4130 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4135 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4122 ft. Recorder Number 30037 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4192 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 61 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,000 P.P.M. Drill Pipe Length 4108 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number SFTY JOINT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 60 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC TO 1/2" IN 16 MIN, DIMINISHING (NO BB)

2nd Open: NO BLOW (NO BB)

Recovered 3 ft. of DM 100% DM

Recovered 3 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% MUD W/ SOME OIL SPOTTING

Time Set Packer(s) 11:00 P.M. A.M. P.M. Time Started Off Bottom 1:00 A.M. A.M. P.M. Maximum Temperature 111

Initial Hydrostatic Pressure..... (A) 1969 P.S.I.

Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 129 P.S.I.

Final Flow Period..... Minutes 30 (E) 16 P.S.I. to (F) 16 P.S.I.

Final Closed In Period..... Minutes 30 (G) 45 P.S.I.

Final Hydrostatic Pressure..... (H) 1961 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|--------------------------------|----------------|--------------------------------|
| Company Name | L.D. DRLG & MULL DRLG CO. INC. | Job Number | M311 |
| Well Name | MEYER #1-20 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#3 4193-4225 L/KC"J" | Well Operator | L.D. DRLG & MULL DRLG CO. INC. |
| Surface Location | SEC.20-17S-87W LANE CO.KS. | Report Date | 2012/04/23 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | KIM SHOEMAKER |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|-------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#3 4193-4225 L/KC"J" | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/04/23 | Start Test Time | 10:50:00 |
| Final Test Date | 2012/04/23 | Final Test Time | 18:10:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks

RECOVERED:
15' CO 100%OIL
171' OSWM 3% OIL, 63% WTR, 34% MUD
239' GMW 1% GAS, 91%WTR, 8% MUD, A THIN SCUM OF OIL
425' TOTAL FLUID

CHLOR: 37,000PPM
PH:8.0
RW: .24 @ 55 DEG

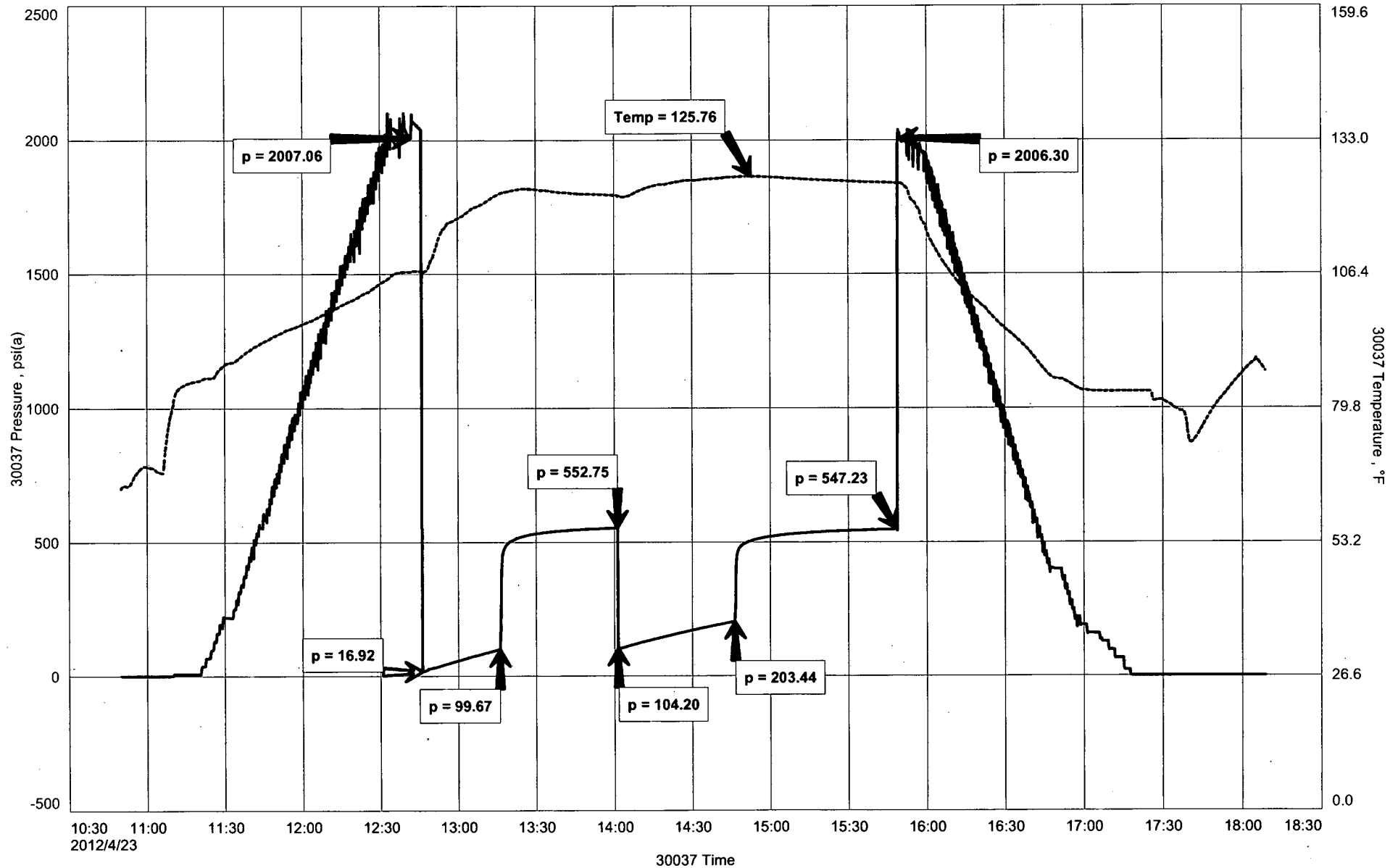
GRAVITY: 28.2 @ 60

TOOL SAMPLE: 25% OIL, 74% WTR, 1% MUD

L.D. DRLG & MULL DRLG CO. INC.
DST#3 4193-4225 L/KC"J"
Start Test Date: 2012/04/23
Final Test Date: 2012/04/23

MEYER #1-20
Formation: DST#3 4193-4225 L/KC"J"
Pool: WILDCAT
Job Number: M311

MEYER #1-20





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: MYR1-20DST3

TIME ON: 1050

TIME OFF: 1810

Company L.D. DRLG & MULL DRLG CO. INC. Lease & Well No. MEYER #1-20
 Contractor DUKE RIG 4 Charge to L.D. DRLG
 Elevation 2773 KB Formation _____ L/KC"J" Effective Pay _____ Ft. Ticket No. M311
 Date 4/23/2012 Sec. 20 Twp. _____ 7 S Range _____ 28 W County LANE State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4193 ft. to 4225 ft. Total Depth 4225 ft.

Packer Depth 4188 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4193 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4180 ft. Recorder Number 30037 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4222 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 60 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,000 P.P.M. Drill Pipe Length 4166 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number SFTY JOINT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 32 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 21 MIN (NO BB)

2nd Open: WSB, BOB 28 MIN (NO BB)

Recovered 15 ft. of 15' CO 100% OIL GRAVITY: 28.2 @ 60°

Recovered 171 ft. of OSWM 3% OIL, 63% WTR, 34% MUD

Recovered 239 ft. of GMW 1% GAS, 91%WTR, 8% MUD, A THIN SCUM OF OIL

Recovered 425 ft. of TOTAL FLUID

Recovered _____ ft. of CHLOR: 37,000 PPM Price Job _____

Recovered _____ ft. of PH:8.0 Other Charges _____

Remarks: RW: 0.24 @ 55° Insurance _____

TOOL SAMPLE: 25% OIL, 74% WTR, 1% MUD Total _____

Time Set Packer(s) 12:45 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 1:45 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 126

Initial Hydrostatic Pressure..... (A) 2007 P.S.I.

Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 100 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 553 P.S.I.

Final Flow Period..... Minutes 45 (E) 104 P.S.I. to (F) 203 P.S.I.

Final Closed In Period..... Minutes 60 (G) 547 P.S.I.

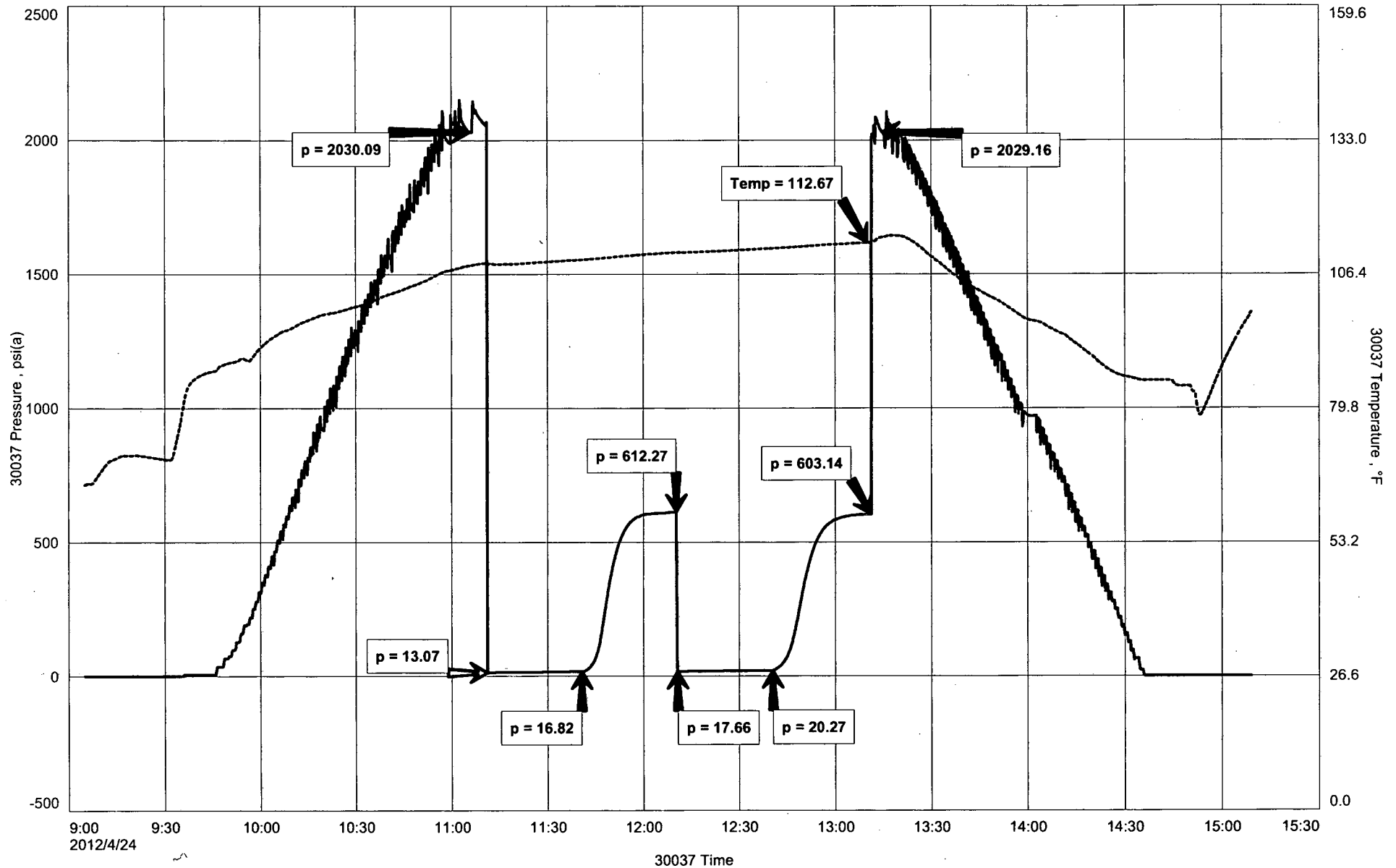
Final Hydrostatic Pressure..... (H) 2006 P.S.I.

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L.D. DRLG
DST#4 4228-4300 L/KC"K&L"
Start Test Date: 2012/04/24
Final Test Date: 2012/04/24

MEYER #1-20
Formation: DST#4 4228-4300 L/KC"K&L"
Pool: WILDCAT
Job Number: M312

MEYER #1-20



DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|----------------------------|----------------|---------------|
| Company Name | L.D. DRLG | Job Number | M312 |
| Well Name | MEYER #1-20 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#4 4228-4300 L/KC"K&L" | Well Operator | L.D. DRLG |
| Surface Location | SEC.20-17S-87W LANE CO.KS. | Report Date | 2012/04/24 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | KIM SHOEMAKER |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|---------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#4 4228-4300 L/KC"K&L" | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/04/24 | Start Test Time | 09:05:00 |
| Final Test Date | 2012/04/24 | Final Test Time | 15:10:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks

RECOVERED:
15' DM 100% MUD W/ SOME OIL SPOTTING
15' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME OIL SPOTS



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: MYR1-20DST4

TIME ON: 0905
 TIME OFF: 1510

Company L.D. DRLG & MULL DRLG CO. INC. Lease & Well No. MEYER #1-20
 Contractor DUKE RIG 4 Charge to L.D. DRLG
 Elevation 2773 KB Formation L/KC"K&L" Effective Pay _____ Ft. Ticket No. M312
 Date 4/24/2012 Sec. 20 Twp. 17 S Range 28 W County LANE State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4228 ft. to 4300 ft. Total Depth 4300 ft.
 Packer Depth 4223 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 4228 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4215 ft. Recorder Number 30037 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 4297 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEM Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,200 P.P.M. Drill Pipe Length 4201 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number SFTY JOINT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 72 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC TO 1/2" (NO BB)
 2nd Open: A VERY WEAK INTERMITTENT SURFACE BLOW (NO BLOW BACK)

Recovered 15 ft. of DM 100% MUD W/ SOME OIL SPOTTING
 Recovered 15 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

| | |
|---|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: _____ | Insurance |
| TOOL SAMPLE: 100% MUD W/ SOME OIL SPOTS | Total |

Time Set Packer(s) 11:15 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 1:15 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 113
 Initial Hydrostatic Pressure..... (A) 2030 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 17 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 612 P.S.I.
 Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 20 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 603 P.S.I.
 Final Hydrostatic Pressure..... (H) 2029 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|--------------------------------|----------------|---------------|
| Company Name | L.D. DRLG | Job Number | M313 |
| Well Name | MEYER #1-20 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#5 4422-4554 PAWNEE/JOHNSON | Well Operator | L.D. DRLG |
| Surface Location | SEC.20-17S-87W LANE CO.KS. | Report Date | 2012/04/26 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | KIM SHOEMAKER |
| | | Test Unit | NO. 1 |

Test Information

| | | | |
|---------------------|--------------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#5 4422-4554 PAWNEE/JOHNSON | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/04/25 | Start Test Time | 16:40:00 |
| Final Test Date | 2012/04/26 | Final Test Time | 00:30:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks

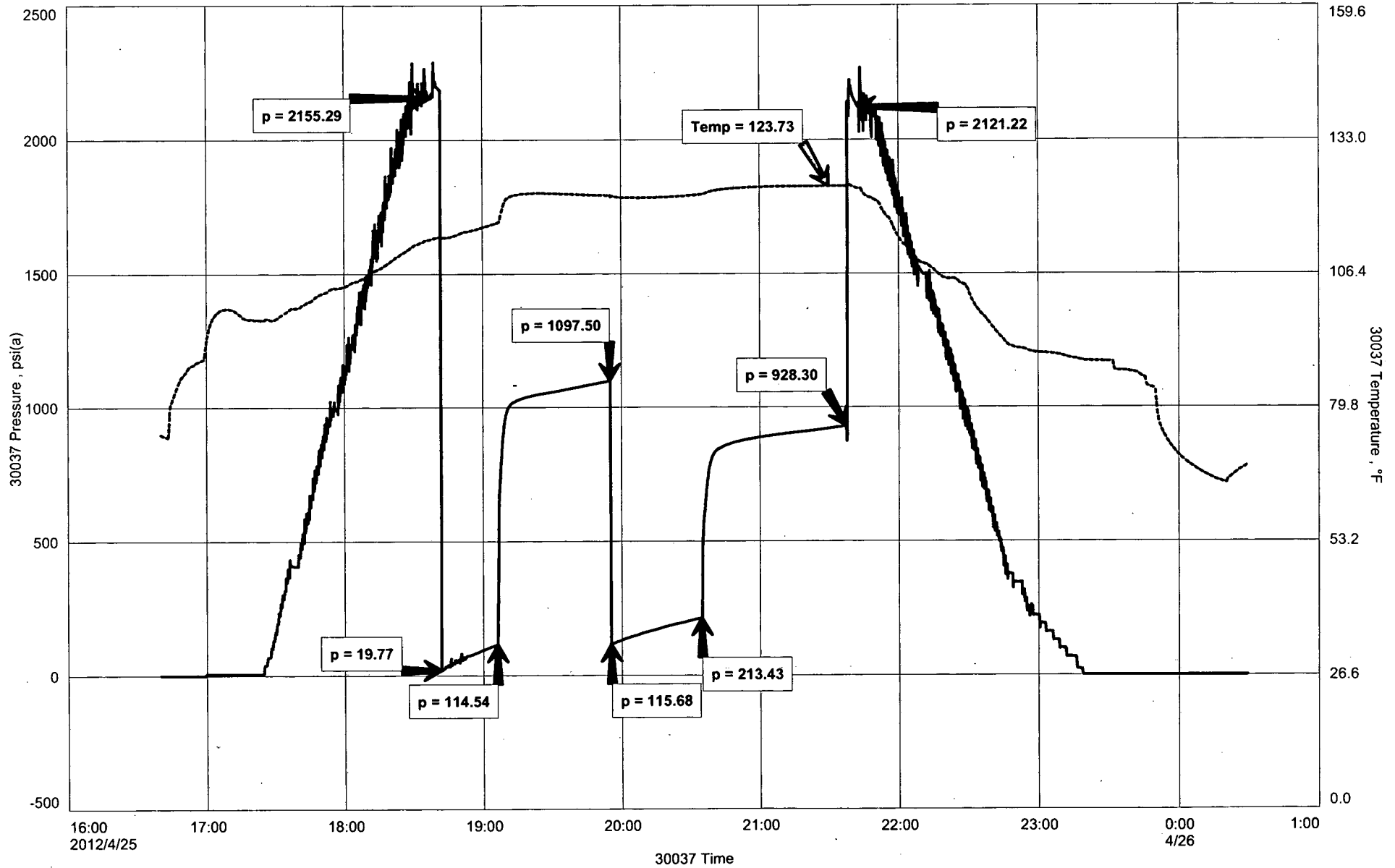
RECOVERED:
255' GHOCM 4% GAS, 25% OIL, 16% EMULSIFIED OIL, 55% MUD
315' GSOSM 2% GAS, 98% OIL, SCUM OF OIL
570' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ OIL SPOTS

L.D. DRLG
DST#5 4422-4554 PAWNEE/JOHNSON
Start Test Date: 2012/04/25
Final Test Date: 2012/04/26

MEYER #1-20
Formation: DST#5 4422-4554 PAWNEE/JOHNSON
Pool: WILDCAT
Job Number: M313

MEYER #1-20





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MYR1-20DST5

TIME ON: 1640 (4/25)

TIME OFF: 0030 (4/26)

Company L.D. DRLG & MULL DRLG CO. INC. Lease & Well No. MEYER #1-20
Contractor DUKE RIG 4 Charge to L.D. DRLG
Elevation 2773 KB Formation PAWNEE/JOHNSON Effective Pay _____ Ft. Ticket No. M313
Date 4/25/2012 Sec. 20 Twp. _____ 17 S Range _____ 28 W County LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4422 ft. to 4554 ft. Total Depth 4554 ft.
Packer Depth 4417 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4422 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4409 ft. Recorder Number 30037 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4451 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 10.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4395 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number SFTY JOINT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 132 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (121'DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC. BOB 16 MIN 30 SEC. (NO BB)
2nd Open: A FEW BUBBLES ON TOOL OPEN THEN AFTER 2 MIN A WSB THAT BUILT BOB IN 21 MIN. (1/4"BB)

Recovered 255 ft. of GHOCM 4% GAS, 25% OIL, 16% EMULSIFIED OIL, 55% MUD
Recovered 315 ft. of GSOSM 2% GAS, 98% OIL, SCUM OF OIL
Recovered 570 ft. of TOTAL FLUID

| | |
|------------------------------|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance |
| Remarks: _____ | Total |

TOOL SAMPLE: 100% MUD W/ OIL SPOTS

Time Set Packer(s) 6:45 P.M. A.M. P.M. Time Started Off Bottom 9:45 P.M. A.M. P.M. Maximum Temperature 124
Initial Hydrostatic Pressure..... (A) 2155 P.S.I.
Initial Flow Period..... Minutes 30 (B) 20 P.S.I. to (C) 115 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1098 P.S.I.
Final Flow Period..... Minutes 45 (E) 116 P.S.I. to (F) 213 P.S.I.
Final Closed In Period..... Minutes 60 (G) 928 P.S.I.
Final Hydrostatic Pressure..... (H) 2121 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

| | | | |
|------------------|----------------------------|---------------------------|---------------|
| Company Name | L.D. DRLG | Job Number | M314 |
| Well Name | MEYER #1-20 | Representative | MIKE COCHRAN |
| Unique Well ID | DST#6 4578-4596 | MISSISSIPPI Well Operator | L.D. DRLG |
| Surface Location | SEC.20-17S-87W LANE CO.KS. | Report Date | 2012/04/26 |
| Field | WILDCAT | Prepared By | MIKE COCHRAN |
| Well Type | Vertical | Qualified By | KIM SHOEMAKER |
| | Test Unit | | NO. 1 |

Test Information

| | | | |
|---------------------|-----------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | | |
| Formation | DST#6 4578-4596 MISSISSIPPI | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2012/04/26 | Start Test Time | 10:05:00 |
| Final Test Date | 2012/04/26 | Final Test Time | 17:35:00 |
| | | Well Fluid Type | 01 Oil |
| Gauge Name | 30037 | | |
| Gauge Serial Number | | | |

Test Results

Remarks

RECOVERED:

TRACE OF FREE OIL @ TOP
1395' GMW 1% GAS, 98% WTR, 1% MUD, W/ A SCUM OF OIL
1395' TOTAL FLUID

CHLOR: 15.000 PPM

PH: 7.0

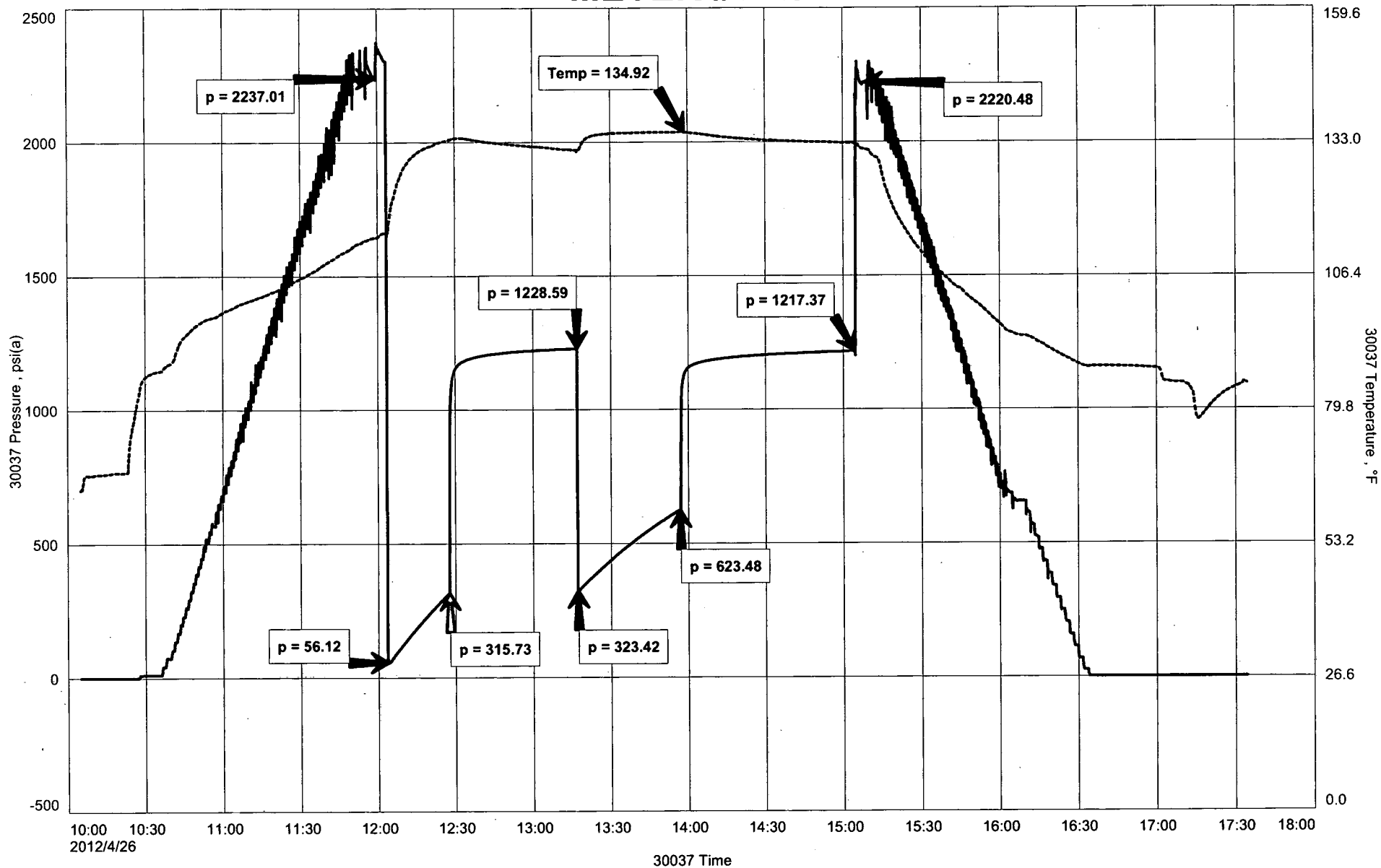
RW: .50 @ 60 DEG

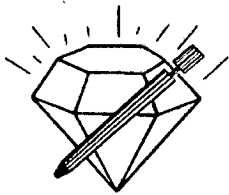
TOOL SAMPLE: 2% GAS, 98% WTR W/SOME OIL SPECKS

L.D. DRLG
DST#6 4578-4596 MISSISSIPPI
Start Test Date: 2012/04/26
Final Test Date: 2012/04/26

MEYER #1-20
Formation: DST#6 4578-4596 MISSISSIPPI
Pool: WILDCAT
Job Number: M314

MEYER #1-20





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MYR1-20DST6

TIME ON: 1005

TIME OFF: 1735

Company L.D. DRLG & MULL DRLG CO. INC. Lease & Well No. MEYER #1-20
Contractor DUKE RIG 4 Charge to L.D. DRLG
Elevation 2773 KB Formation MISSISSIPPI Effective Pay _____ Ft. Ticket No. M314
Date 4/26/2012 Sec. 20 Twp. 17 S Range 28 W County LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4578 ft. to 4596 ft. Total Depth 4596 ft.
Packer Depth 4573 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4578 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4360 ft. Recorder Number 30037 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4593 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEM Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4546 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 18 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 5 MIN (VW BB)
2nd Open: GSB, BOB 6 1/2 MIN (VW BB)

Recovered _____ ft. of TRACE OF FREE OIL @ TOP
Recovered 1395 ft. of GMW 1% GAS, 98% WTR, 1% MUD, W/ A SCUM OF OIL
Recovered 1395 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of CHLOR: 15,000 PPM Price Job _____
Recovered _____ ft. of PH: 7.0 Other Charges _____
Remarks: RW: .50 @ 60° Insurance _____
TOOL SAMPLE: 2% GAS, 98% WTR W/SOME OIL SPECKS Total' _____

Time Set Packer(s) 12:00 P.M. A.M. P.M. Time Started Off Bottom 3:00 P.M. A.M. P.M. Maximum Temperature 135
Initial Hydrostatic Pressure..... (A) 2237 P.S.I.
Initial Flow Period..... Minutes 30 (B) 56 P.S.I. to (C) 316 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1229 P.S.I.
Final Flow Period..... Minutes 45 (E) 323 P.S.I. to (F) 623 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1217 P.S.I.
Final Hydrostatic Pressure..... (H) 2220 P.S.I.

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KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

| | |
|---|--|
| COMPANY <u>L. D. DRILLING, INC.</u> | ELEVATIONS |
| LEASE <u># 1-20 MEYER</u> | KB <u>2773</u> |
| FIELD <u>WILDCAT</u> | DF _____ |
| LOCATION <u>1404' ENL & 1508' FEL</u> | GL <u>2764</u> |
| SEC <u>20</u> TWP <u>17s</u> RGE <u>28w</u> | Measurements Are All From <u>2773 KB</u> |
| COUNTY <u>LANE</u> STATE <u>KANSAS</u> | |
| CONTRACTOR <u>DUKE DRILLING, RIG 4</u> | CASING SURFACE <u>8 5/8" @ 419'</u> |
| SPUD <u>4-16-12</u> COMP. <u>4-27-12</u> | PRODUCTION <u>1 1/2 @</u> |
| RTD <u>4700</u> LTD <u>4702</u> | ELECTRICAL SURVEYS |
| MUD UP <u>3324</u> TYPE MUD <u>CHEMICAL</u> | <u>DUAL TWD, DENS-H., Micro</u> |

SAMPLES SAVED FROM 3700 TO 4700

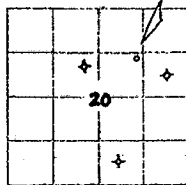
DRILLING TIME KEPT FROM 3400 TO 4700

SAMPLES EXAMINED FROM 3700 TO 4700

GEOLOGICAL SUPERVISION FROM 3800 TO 4700

GEOLOGIST ON WELL KIM B. SHOEMAKER

| FORMATION TOPS | LOG | SAMPLES |
|-----------------------|-----------|-----------|
| ANKYRITE | 2142-611 | 2141-612 |
| B/ANN. | 2191-582 | 2191-582 |
| WAB, STOTLER | 3553-780 | 3551-778 |
| MEANS | 3942-1162 | 3940-1167 |
| LANSING | 3979-1206 | 3978-1205 |
| STARK | 4235-1467 | 4232-1459 |
| MARMATON | 4344-1571 | 4339-1566 |
| FORT SCOTT | 4487-1714 | 4483-1710 |
| CHELDKEE | 4509-1736 | 4506-1733 |
| MISSISSIPPI ST. LOUIS | 4576-1803 | 4570-1797 |



REMARKS

API: 65-101-2235Z

4-16 @ 5200

4-17 @ 510

4-18 @ 2480

4-19 @ 3135

4-20 @ 3420

4-21 @ 4015

4-22 @ 4181

4-23 @ 4310

4-24 @ 4300

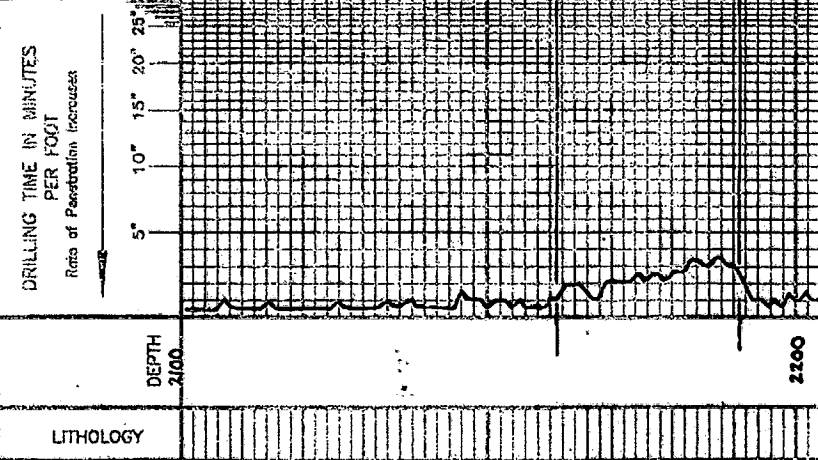
4-25 @ 4465

4-26 @ 4594

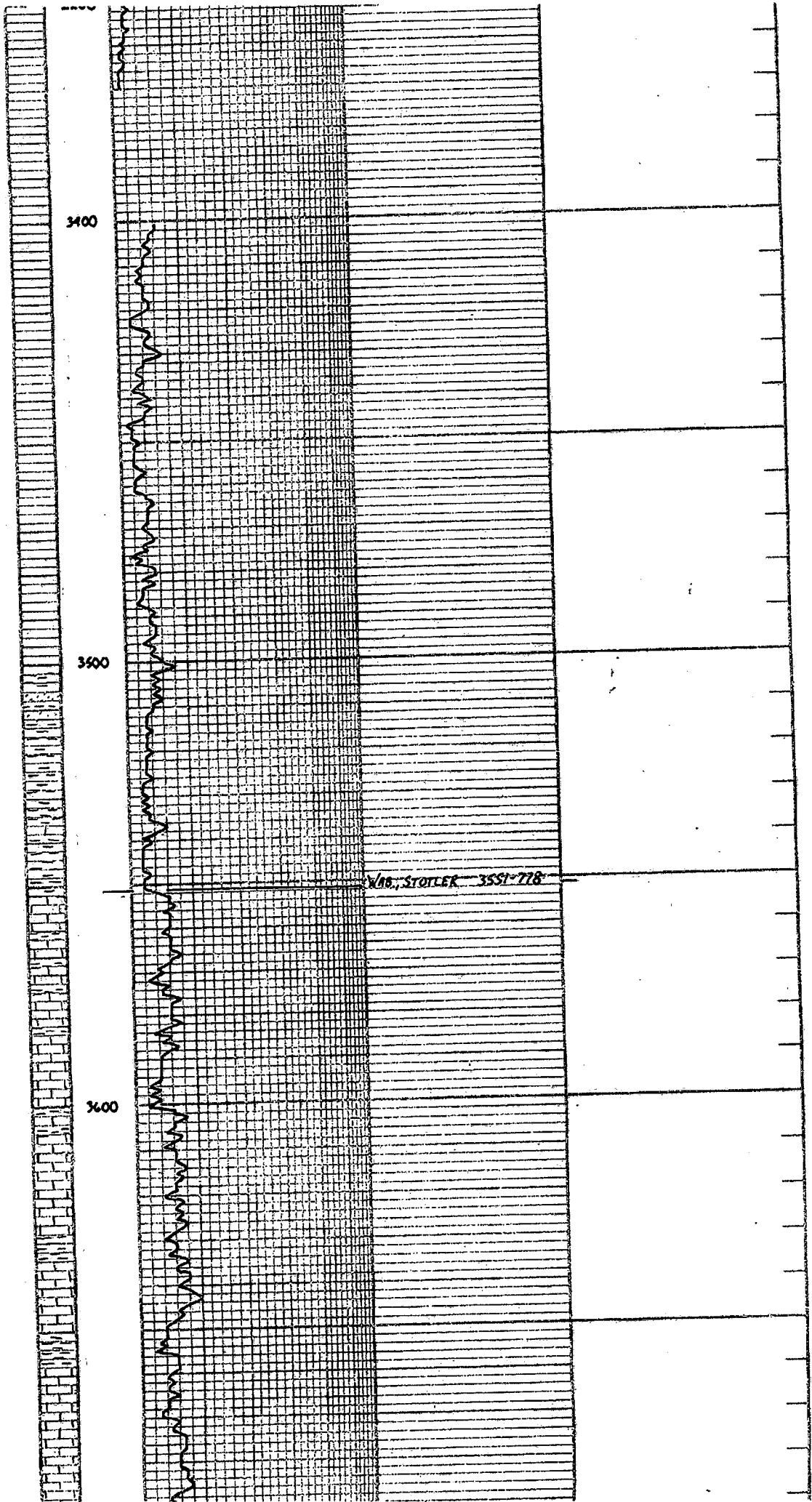
4-27 @ 4700

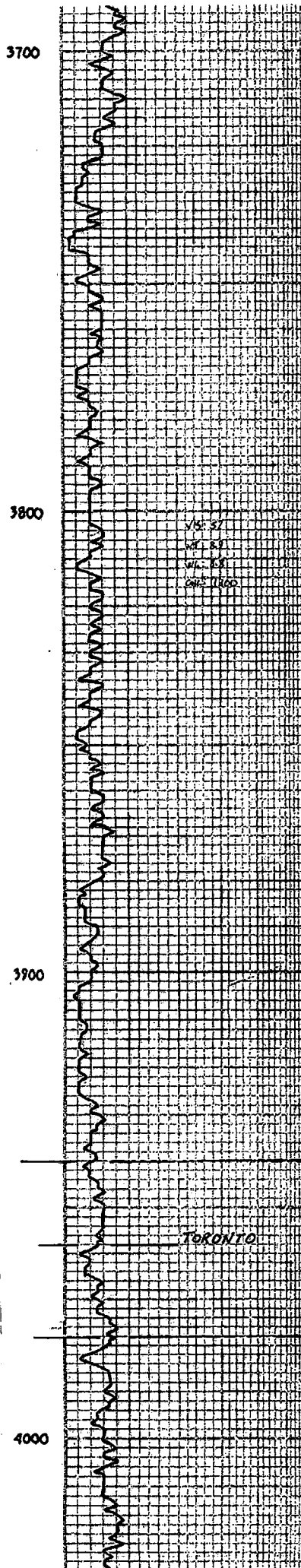
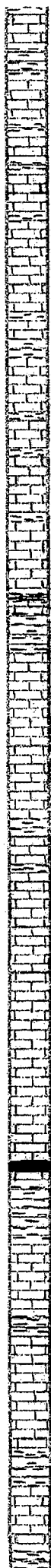
LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Oil-Lime
- Chert
- Dolomite



SHGED1-06





Samples sea. Lagged

Sh. clay, silty. Manganese
to base. Brack.

15. To top. V. H. Coar. Sand
Sh. clay

16. Sh. Brack. clay

17. Sh. clay. silty

18. To top. Sh. A

Sh. clay

19. Sh. silty. Br. clay

20. Sh. clay. Br. silty clay

21. Sh. silty. Br. clay

22. Sh. clay

23. Sh. clay. silty

24. Sh. silty

25. Sh. silty. silty

26. Sh. silty. silty

27. Sh. silty. silty

28. Sh. silty. silty

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67. Sh. silty. silty

68. Sh. silty. silty

69. Sh. silty. silty

70. Sh. silty. silty

71. Sh. silty. silty

72. Sh. silty. silty

73. Sh. silty. silty

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92. Sh. silty. silty

93. Sh. silty. silty

94. Sh. silty. silty

95. Sh. silty. silty

96. Sh. silty. silty

97. Sh. silty. silty

98. Sh. silty. silty

99. Sh. silty. silty

100. Sh. silty. silty

HEEBNER 3990-1167
Sh. silty. Br. clay

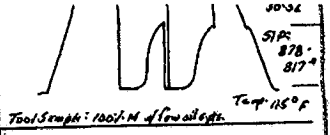
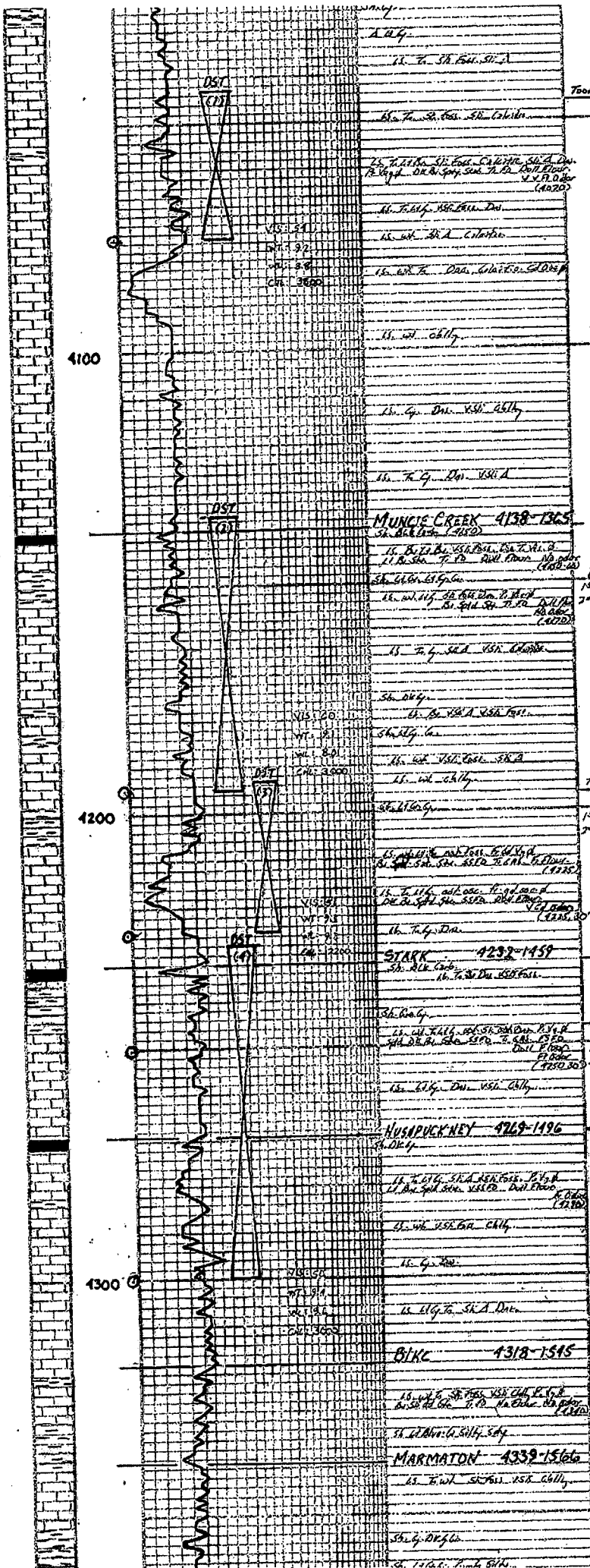
TORONTO

LANSING 3978-1205
Sh. silty. Br. clay

30-30-30-30

Rec.
45' Mud
of 1925

AP. 28-29



Tool Sample: 100% M of low oil left.

50%
SIP: 878°
817°
Temp: 115° F

